

Sequence listing

Sequences for use in specific embodiments of the invention, and specific fusion proteins of the invention, are set out in the following.

## SEQ ID No:

- 1 amino acid sequence for mouse Id3
- 2 amino acid sequence for rat Id3
- 3 amino acid sequence for canine Id3
- 4 amino acid sequence for human Id3
- 5 protein transduction domain from Tat
- 6 protein transduction domain from antennapedia
- 7 Tat-human Id 3 fusion
- 8 antennapedia -human Id 3 fusion
- 9 mouse Id 3-antennapedia fusion

## 20 SEQ ID NO: 1 - mouse Id3

MKALSPVRGCYEAVCCLSERSLAIARGRGKSPSTEEPLSLLDDMNHHCYSRLREL  
VPGVPRGTQLSQVEILQRVIDYILDQVVLAEPAPGPPDGPHLPIQTAELTPELVIS  
KDKRSFCH

25

## SEQ ID NO: 2 - rat Id3

MKALSPVRGCYEAVCCLSERSLAIARGRGKSPSAEEPLSLLDDMNHHCYSRLREL  
30 VPGVPRGTQLSQVEILQRVIDYILDQVVLAEPAPGPPDGPHLPIQTAELTPELVIS  
KDKRSFCH

---

SEQ ID NO: 3 - canine Id3

---

35

MKALSPVRGCYEAVCCLSERSLAIARGRGKGPAEEPLSLLDDMNHHCYSRLREL  
VPGVPRGTQLSQVEILQRVIDYILDQVVLAEPAPGPPDGPHLPIQTAELAPELVIS  
NDKRSFCH

40

## SEQ ID NO: 4 - human Id3

MKALSPVRGCYEAVCCLSERSLAIARGRGKGPAEEPLSLLDDMNHHCYSRLREL  
VPGVPRGTQLSQVEILQRVIDYILDQVVLAEPAPGPPDGPHLPIQTAELAPELVIS  
45 NDKRSFCH

## SEQ ID NO: 5 - protein transduction domain from Tat

Best Available Copy

YGRKKRRQRRR

- 5 SEQ ID NO: 6 – protein transduction domain from antennapedia

RQIKIWFQNRRMKWKK

- 10 SEQ ID NO: 7 – Tat-human Id 3 fusion

YGRKKRRQRRRMKALSPVRGCYEAVCCLSERSLAIARGRGKGPAAEEPLSLLD  
DMNHCYSRLRELVPGVPRGTQLSQVEILQRVIDYILDQVLAEPAPGPPDGPHL  
PIQTAELAPELVISNDKRSFCH

15

- SEQ ID NO: 8 – antennapedia -human Id 3 fusion

- 20 RQIKIWFQNRRMKWKKMKALSPVRGCYEAVCCLSERSLAIARGRGKGPAAEEPL  
SLDDMNHCYSRLRELVPGVPRGTQLSQVEILQRVIDYILDQVLAEPAPGPPD  
GPHLPIQTAELAPELVISNDKRSFCH

- 25 SEQ ID NO: 9 – mouse Id 3-antennapedia fusion

MKALSPVRGCYEAVCCLSERSLAIARGRGKSPSTEEPLSLDDMNHCYSRLREL  
VPGVPRGTQLSQVEILQRVIDYILDQVLAEPAPGPPDGPHLPIQTAELTPELVIS  
KDKRSFCHRQIKIWFQNRRMKWKK

Best Available Copy